

278-44

3/24/2015

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

March 24, 2015

Kim Davis
Miami Products & Chemical Co.
c/o Reg/West Company, LLC
8203 west 20th Street, Suite A
Greeley, CO 80634-4696

Subject: Notification per PRN 98-10 – To update label language
Product Name: Sanygen 3 in 1 Algaecide
EPA Registration Number: 278-44
Application Date: February 25, 2015
Decision Number: 500584

Dear Ms. Davis:

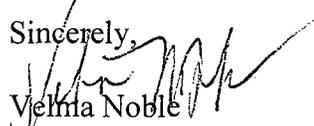
The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Antimicrobials Division has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped "Notification" and will be placed in our records.

This letter supersedes the letter dated March 12, 2015.

If you have any questions concerning this letter, please contact Emilia Oiguenblik at (703) 347-0199 or Velma Noble at (703) 308-6233.

Sincerely,


Velma Noble

Product Manager (31)

Regulatory Management Branch I
Antimicrobials Division (7510P)

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NOTIFICATION
Date Reviewed: 03/19/2015
Reviewed By: E. Orsuaeta

3 in 1 Algaecide

{ABN: Winterizing Solution}

Keeps Pool Water Clear and Free of Visible Algae
Controls Algal Slime in Swimming Pools and Outside Spas/Whirlpools/Hot Tub Baths

Keep Out of Reach of Children

Danger
FIRST AID

<p>IF IN EYES:</p> <ul style="list-style-type: none"> Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, and then continue rinsing eye. Call a poison control center or doctor for treatment advice. 	<p>IF SWALLOWED:</p> <ul style="list-style-type: none"> Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything to an unconscious person.
<p>IF ON SKIN OR CLOTHING:</p> <ul style="list-style-type: none"> Take off contaminated clothing. Rinse skin with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice. 	<p>IF INHALED:</p> <ul style="list-style-type: none"> Move person to fresh air. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.
<p>For emergency information concerning this product, call Chemtrec at 1-800-424-9300. Have the product container or label with you when calling a poison control center, or doctor, or going for treatment.</p>	
<p>Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.</p>	

See side panels for additional Precautionary Statements

ACTIVE INGREDIENTS:

*Alkyl (60%C ₁₄ , 30%C ₁₆ , 5%C ₁₂ , 5%C ₁₈) dimethyl benzyl ammonium chloride	9.96%
**Dialkyl (60%C ₁₄ , 30%C ₁₆ , 5%C ₁₂ , 5%C ₁₈) methyl benzyl ammonium chloride	0.04%
OTHER INGREDIENT	90.00%
Total	100.00%

*C.A.S. No.: 53516-76-0

**C.A.S. No.: 73049-75-9

EPA Reg. No. 278-44 EPA Est. No. 278-OH-1

Net Contents: One Gallon (3.79 Liters)
{0.5 gal (64 fl oz) (1.89L)}

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[Manufactured by]
Miami Products & Chemical Co.
520 Loneke Street P.O. Box 486
Dayton, OH 45403 45401

{Side Panels}

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
DANGER

Corrosive. Causes irreversible eye damage and skin irritation. Harmful if swallowed or absorbed through skin. Do not get into eyes, on skin or on clothing. Wear protective eyewear (goggles, safety glasses or face shield), protective clothing and rubber gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

ENVIRONMENTAL HAZARDS
This pesticide is toxic to fish and aquatic invertebrates.

PHYSICAL OR CHEMICAL HAZARDS
Do not mix with soap, anionic detergents or oxidizers.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

NOTE: This product is compatible with most commonly used swimming pool chemicals, but should not be mixed with soap or other water treatment chemicals. This product works best when added by itself to pool water. This product, at use-dilution, is non-corrosive to inanimate surfaces.

To calculate the pool capacity (in gallons of water), use the following formulas:

SHAPE OF POOL	GALLONS OF WATER
Rectangular	*Average Depth x Average Length x Average Width x 7.5
Circular	*Diameter x Diameter x Average Depth x 5.9
Oval with straight sides	*Full Width x Full Length x Average Depth x 6.7
Irregular	Consult pool builder

*Note that all dimensions are in feet.

DIRECTIONS FOR USE IN SWIMMING POOLS

Swimming Pool Capacity In Gallons of Water	Initial Treatment Dose	Maintenance Dose
5,000	12.8 fl. oz.	3.2 fl. oz.
10,000	25.6 fl. oz.	6.4 fl. oz.
20,000	51.2 fl. oz.	12.8 fl. oz.
25,000	64.0 fl. oz. (1/2 gallon)	16.0 fl. oz.
30,000	76.8 fl. oz.	19.2 fl. oz.
40,000	102.4 fl. oz.	25.6 fl. oz.
50,000	128.0 fl. oz. (1 gallon)	32.0 fl. oz.

INITIAL TREATMENT:

1. Backwash the pool filter thoroughly.
2. Vacuum the algae debris (to waste) and thoroughly brush the pool.
3. Add the Initial Treatment Dose by adding this product directly to the water. Pour around the entire outside perimeter of the pool.
4. Vacuum the pool after 24 hours to remove the dead algae.

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5. If algae is still visible, repeats steps 3 & 4 as necessary until pool is free of visible algae.
6. Once algae are under control, clean the filter and return the pool to normal operation.

MAINTENANCE TREATMENT: Maintenance dose should be added at 3-5 day intervals. In the event of heavy rainfall, high temperatures, or an unusually heavy bather load, add maintenance dose more frequently. If make-up water is added at the rate of more than 10% of pool capacity per week, add 32 fl. oz. of this product for each 10,000 gallons of fresh water added per week. Apply the maintenance dose by adding this product directly to the pool water by pouring it around the entire outside perimeter of the pool.

WINTERIZING TREATMENT: When the swimming season is over, add 32 fl. oz. of this product per 4,000 gallons of water left in the pool. This dose helps provide a measure of control of algae growth during the winter months. This treatment will also help the servicing of the pool before it is returned to use the following season.

DO NOT APPLY THIS PRODUCT WHEN SWIMMERS ARE IN THE IMMEDIATE VICINITY. WAIT AT LEAST 15 MINUTES BEFORE REENTERING THE SWIMMING POOL, OUTSIDE SPA, WHIRLPOOL, OR HOT TUB BATH.

DIRECTIONS FOR USE IN OUTSIDE SPA/WHIRLPOOL/HOT TUB BATH

INITIAL TREATMENT: Add 12.8 fl. oz. of this product per 5,000 gallons of water. Initial dose is used upon filling of spa/whirlpool/hot tub bath.

MAINTENANCE TREATMENT: Add 3.2 fl. oz. of this product per 5,000 gallons of water. Maintenance dose should be added at 3-5 day intervals. If high temperatures prevail or spa/whirlpool/hot tub bath has an unusually heavy use, add maintenance dose more frequently. Drain and clean spa/whirlpool/hot tub bath at least once a month or as needed depending on bather load.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage, or disposal.

PESTICIDE STORAGE: Store in original containers and place in a locked storage area inaccessible to children and individuals unfamiliar with its use. Keep from freezing.

PESTICIDE DISPOSAL: Pesticide wastes are acutely ~~may be~~ hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING/DISPOSAL: Residential users: NON-REFILLABLE CONTAINER. Do not reuse or refill this container. Wrap container and discard in trash. Offer for recycling, if available ~~or place in trash collection.~~

Non-Residential users: NON-REFILLABLE CONTAINER. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times; then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.

[] Indicates alternate/optional language

{ } Indicates language that does not appear on market labeling